

#7/001
 Patent Application
 NC 82,637

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re : Chow et al
 Serial No.: 09/964,544 ✓
 Filed: Sept. 28, 2001 ✓
 Title: Nanosize Particle
 Coatings Made By
 Thermally Spraying
 Solution Precursor
 Feedstocks

Examiner: Jason Savage
 Group Art Unit: 1775 ✓

December 19, 2002

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Second Amendment

Commissioner of Patents and Trademarks
 Washington, D.C. 20231

Sir:

In response to the final rejection dated October 3, 2002, please amend the application as follows:

In the specification:

Please replace the paragraph beginning at p.11, line 13, with the following paragraph:

Fig. 2 illustrates how the gradient can be finely controlled to change from one composition to another by using the solution precursors. The three component layer shown in Fig. 2 also illustrates how the three layers can be built up with good adherence between the layers due to the gradient transition between them. When coating A is alumina, it provides good adherence to the substrate. When coating B is

OK to
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